

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



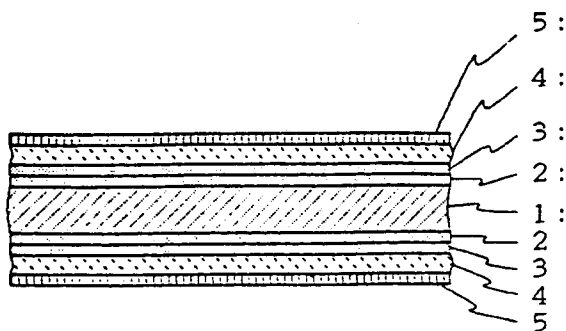
(11) Publication number:

0 351 498 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **89106617.7**(51) Int. Cl.⁵: **F16J 15/12**(22) Date of filing: **13.04.89**(30) Priority: **19.07.88 JP 179844/88**(43) Date of publication of application:
24.01.90 Bulletin 90/04(84) Designated Contracting States:
DE FR GB IT(88) Date of deferred publication of the search report:
28.10.92 Bulletin 92/44(71) Applicant: **NICHIAS CORPORATION**
1-26, Shibadaimon 1-chome Minato-ku
Tokyo 105(JP)(72) Inventor: **Ashizawa, Masaaki**
1-1-1319, Minamidai Nagata
Minami-ku Yokohama-shi Kanagawa(JP)
Inventor: **Nishimoto, Kazuo**
135-1, Kamikashio-cho Totsuka-ku
Yokohama-shi Kanagawa(JP)
Inventor: **Oomura, Atsushi**
6-9, Aobadai 1-chome Midori-ku
Yokohama-shi Kanagawa(JP)
Inventor: **Ito, Shuji**
22-2-104, Tohoku 2-chome
Niiza-shi Saitama(JP)(74) Representative: **Patentanwälte Grünecker,**
Kinkeldey, Stockmair & Partner
Maximilianstrasse 58
W-8000 München 22(DE)(54) **Rubber-coated gasket material.**

(57) A rubber-coated gasket material has a rubber layer formed on one or both sides of a metal sheet. The rubber layer has incorporated therein a nitrile rubber containing a carboxyl group in such an amount that the proportion of a carboxylic monomer as calculated in term as of a monomer content in the rubber component is in the range of 2-15 wt%. The rubber layer is formed in a thickness of 10 - 300 μ m per side, and bonded to a metal sheet with a primer layer based on a phenolic resin being interposed between the rubber layer and the metal sheet.

*Fig. 1***EP 0 351 498 A3**



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 89 10 6617

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D,Y	US-A-2 957 784 (M.C. SCHIEFELBEIN) * claim 3 * ---	1	F16J15/12
Y	DE-A-2 905 549 (HECKER WERKE GMBH) * claims 1,9 * ---	1	
E	EP-A-0 320 287 (EAGLE-PICHER INDUSTRIES, INC.) * claims 2,3 * ---	1	
A	DE-A-1 470 861 (INTERNATIONAL LATEX & CHEMICAL CORP.) * claim 1 * * examples * -----	2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F16J C09D C09K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 AUGUST 1992	Examiner VAN HUMBEECK F.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			